

## ABSTRACT

A polymer latex prepared in the presence of a halogen-free and sulfur-free chain transfer agent can be used for paper coating applications, in particular in the area of odor-sensitive applications, such as food packaging. The polymer latex contains in polymerized form: a) from 10% to 80% by weight of one or more monovinylaromatic monomers; b) from 0% to 70% by weight of one or more conjugated diene monomers; c) from 0 % to 70% by weight of one or more acrylate monomers; and d) a remainder of one or more other copolymerizable comonomers, with the condition that a sum of the percentages by weight of components b) and c) is greater than zero.

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